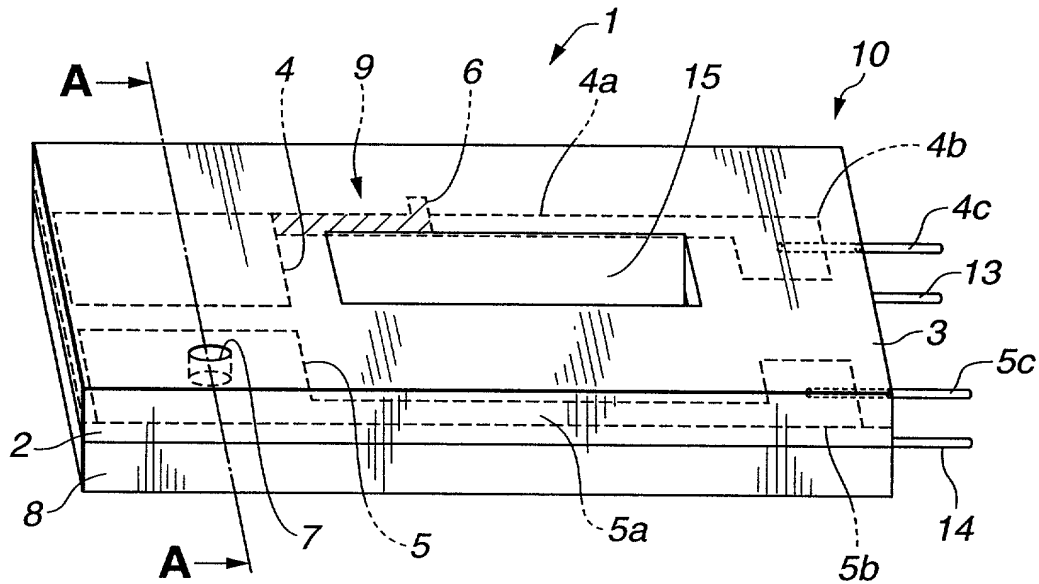
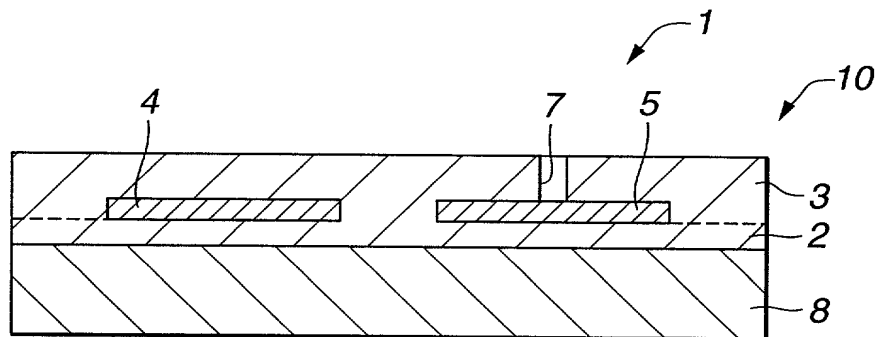


**FIG.1**



**FIG.2**



**CROSS SECTION A-A**

**FIG.3**

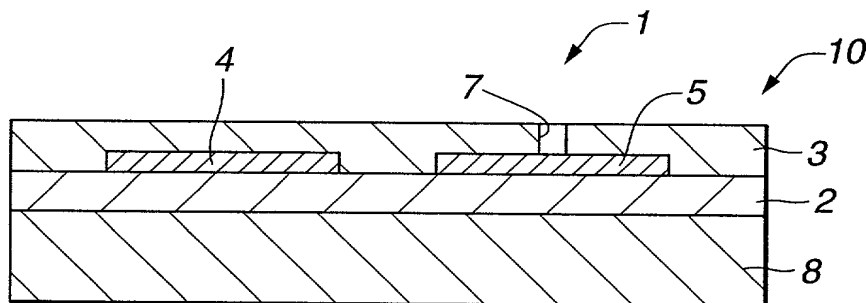
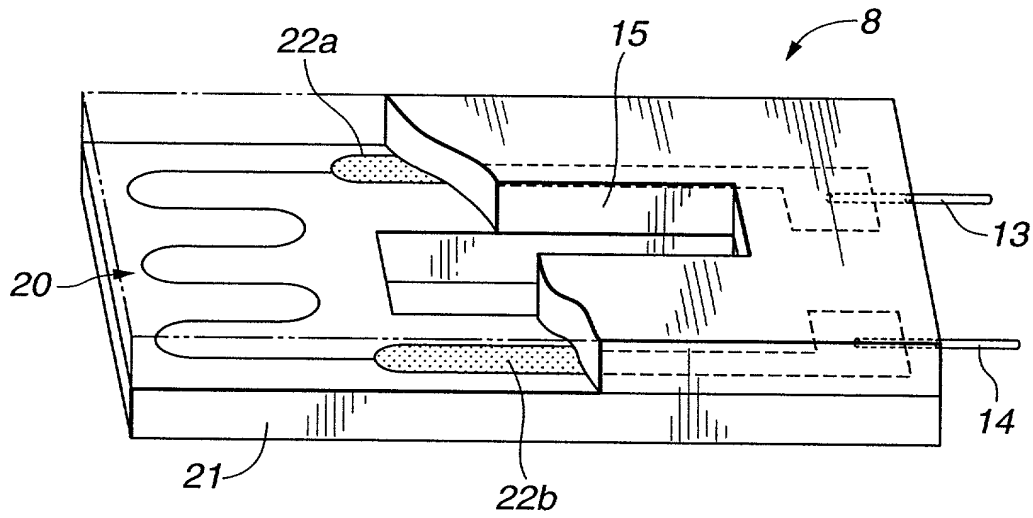
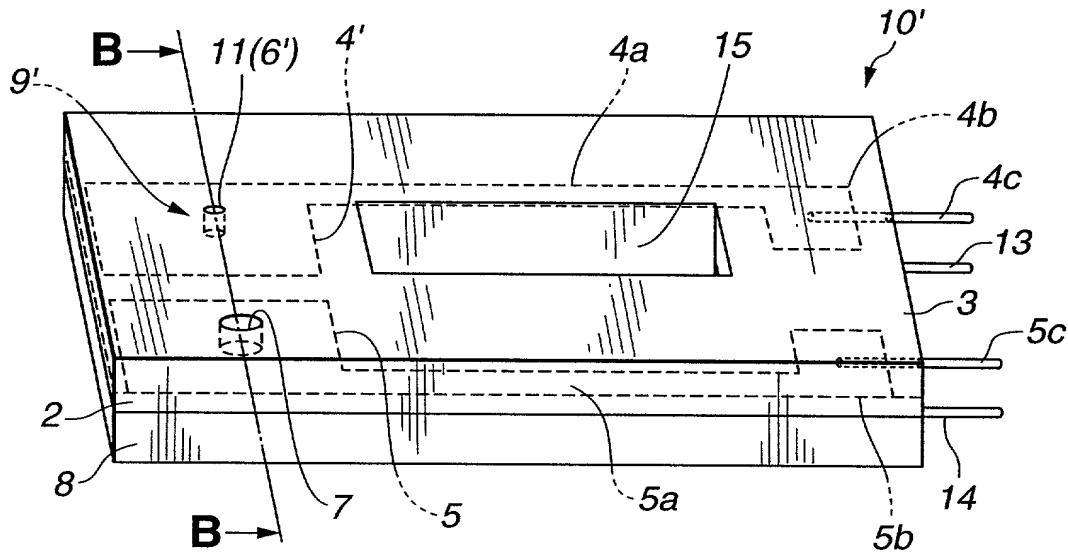


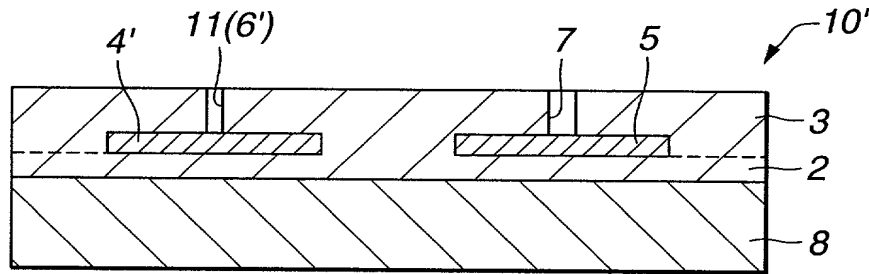
FIG.4



**FIG.5(a)**



**FIG.5(b)**



**CROSS SECTION B-B**

**FIG.6**

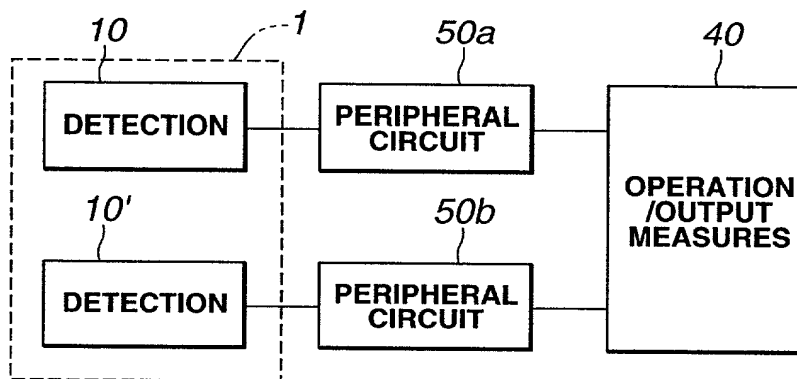
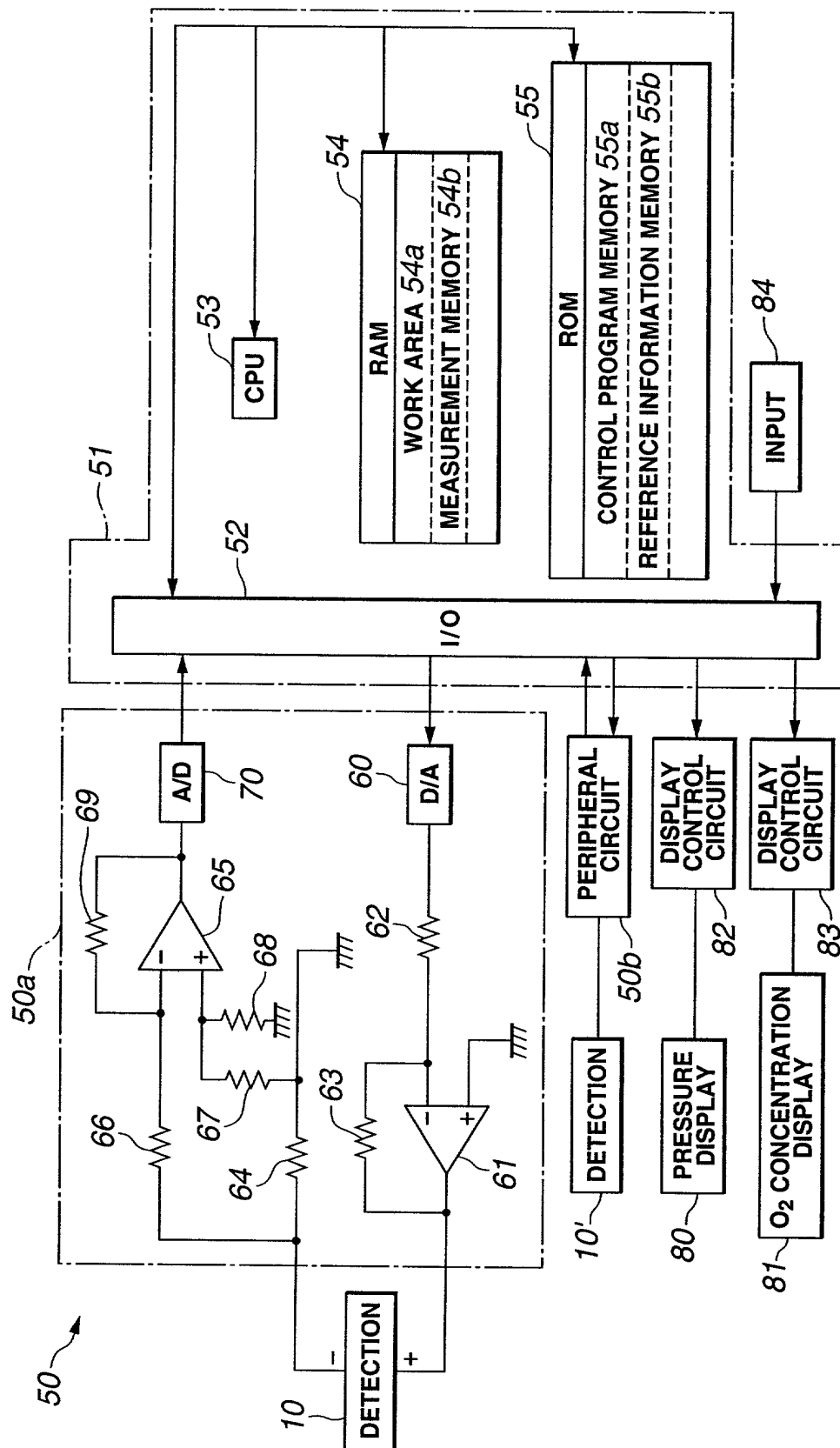
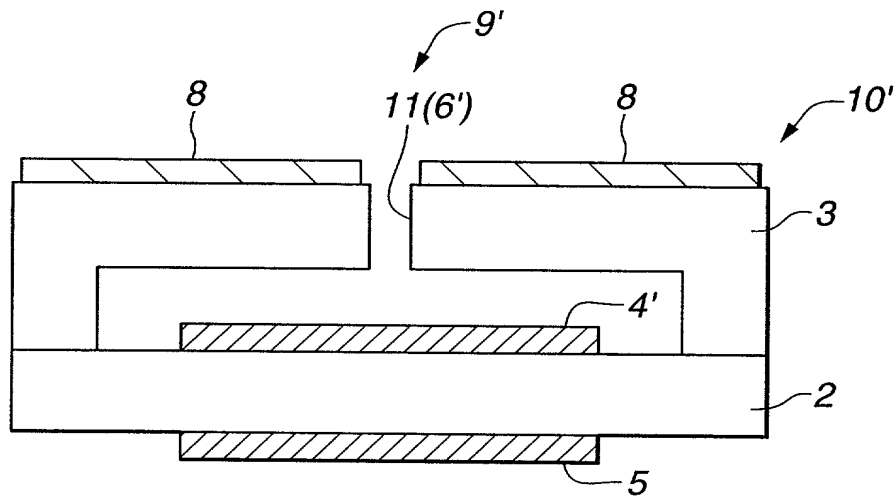


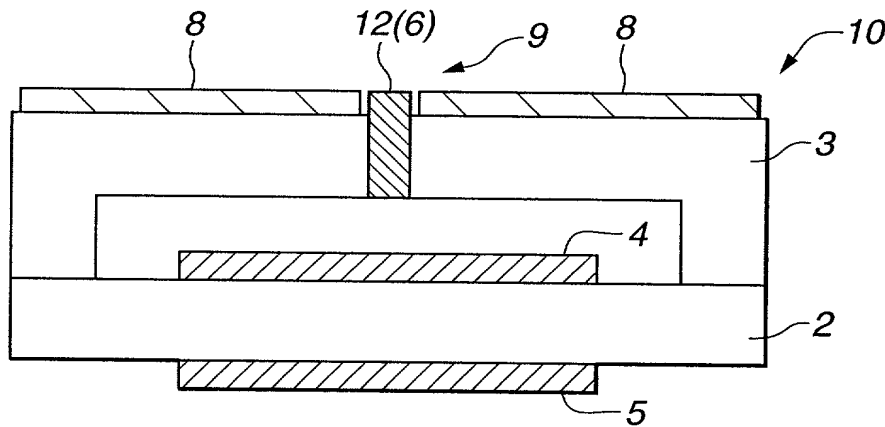
FIG. 7



**FIG.8(a)**



**FIG.8(b)**



**FIG.9**

208

O <sub>2</sub> CONCENTRATION=CO'				
PUMP CURRENT	I <sub>1</sub>	I <sub>2</sub>	I <sub>3</sub>	.....
PRESSURE	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	.....

**FIG.10(a)**

↖ 210

PUMP CURRENT	$I'_1$	$I'_2$	$I'_3$	.....
O <sub>2</sub> CONCENTRATION (CO <sub>1</sub> )	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....

**FIG.10(b)**

↖ 212

PUMP CURRENT	$I_1$	$I_2$	$I_3$	.....
O <sub>2</sub> CONCENTRATION (CO <sub>2</sub> )	CO <sub>21</sub>	CO <sub>22</sub>	CO <sub>23</sub>	.....

**FIG.10(c)**

↖ 214

$\Delta CO$ / CO <sub>1</sub>	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....
$\Delta CO_1$	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
$\Delta CO_2$	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
$\Delta CO_3$	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	$\Delta CO = CO_1 - CO_2$

**FIG.10(d)**

↖ 216

$\Delta I$ / $I'$	$I'_1$	$I'_2$	$I'_3$	.....
$\Delta I_1$	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
$\Delta I_2$	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
$\Delta I_3$	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	$\Delta I = I'_1 - I_2$

**FIG.11(a)**

↖ 220

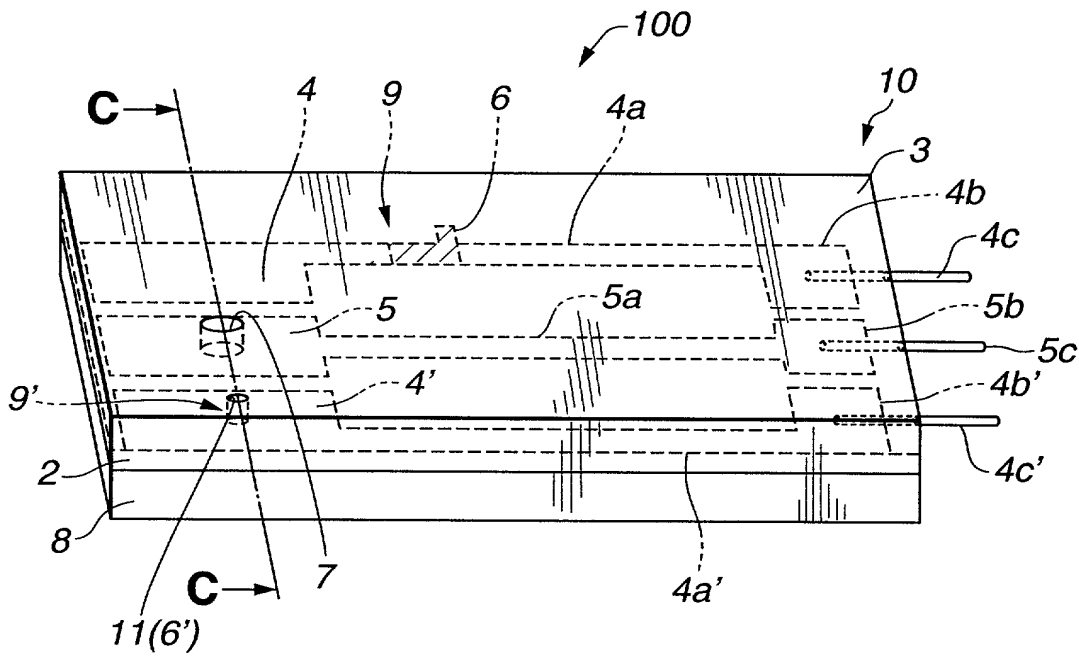
<b>CO</b> \ <b>P</b>	<b>P<sub>1</sub></b>	<b>P<sub>2</sub></b>	<b>P<sub>3</sub></b>	<b>.....</b>
<b>CO<sub>1</sub></b>	<b>I'<sub>11</sub></b>	<b>I'<sub>12</sub></b>	<b>I'<sub>13</sub></b>	<b>.....</b>
<b>CO<sub>2</sub></b>	<b>I'<sub>21</sub></b>	<b>I'<sub>22</sub></b>	<b>I'<sub>23</sub></b>	<b>.....</b>
<b>CO<sub>3</sub></b>	<b>I'<sub>31</sub></b>	<b>I'<sub>32</sub></b>	<b>I'<sub>33</sub></b>	<b>.....</b>
<b>⋮</b>	<b>⋮</b>	<b>⋮</b>	<b>⋮</b>	

**FIG.11(b)**

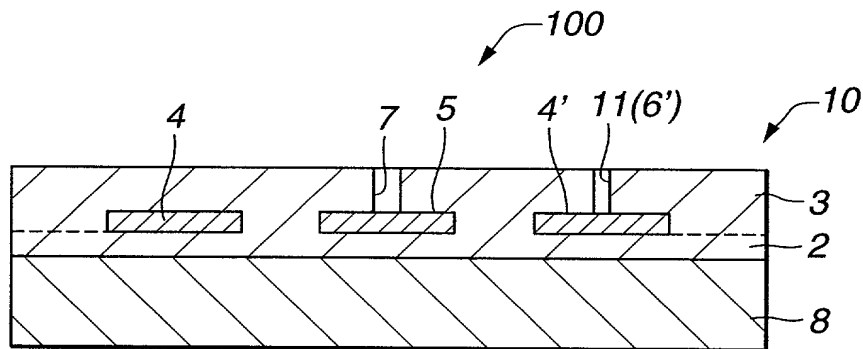
↖ 222

<b>CO</b> \ <b>P</b>	<b>P<sub>1</sub></b>	<b>P<sub>2</sub></b>	<b>P<sub>3</sub></b>	<b>.....</b>
<b>CO<sub>1</sub></b>	<b>I<sub>11</sub></b>	<b>I<sub>12</sub></b>	<b>I<sub>13</sub></b>	<b>.....</b>
<b>CO<sub>2</sub></b>	<b>I<sub>21</sub></b>	<b>I<sub>22</sub></b>	<b>I<sub>23</sub></b>	<b>.....</b>
<b>CO<sub>3</sub></b>	<b>I<sub>31</sub></b>	<b>I<sub>32</sub></b>	<b>I<sub>33</sub></b>	<b>.....</b>
<b>⋮</b>	<b>⋮</b>	<b>⋮</b>	<b>⋮</b>	

**FIG.12(a)**



**FIG.12(b)**



**CROSS SECTION C-C**



FIG.13

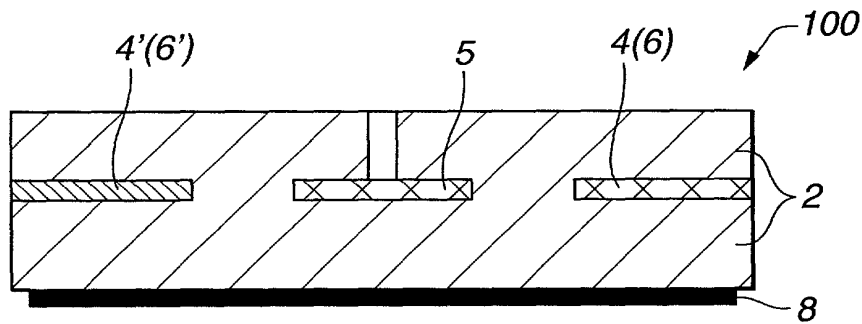
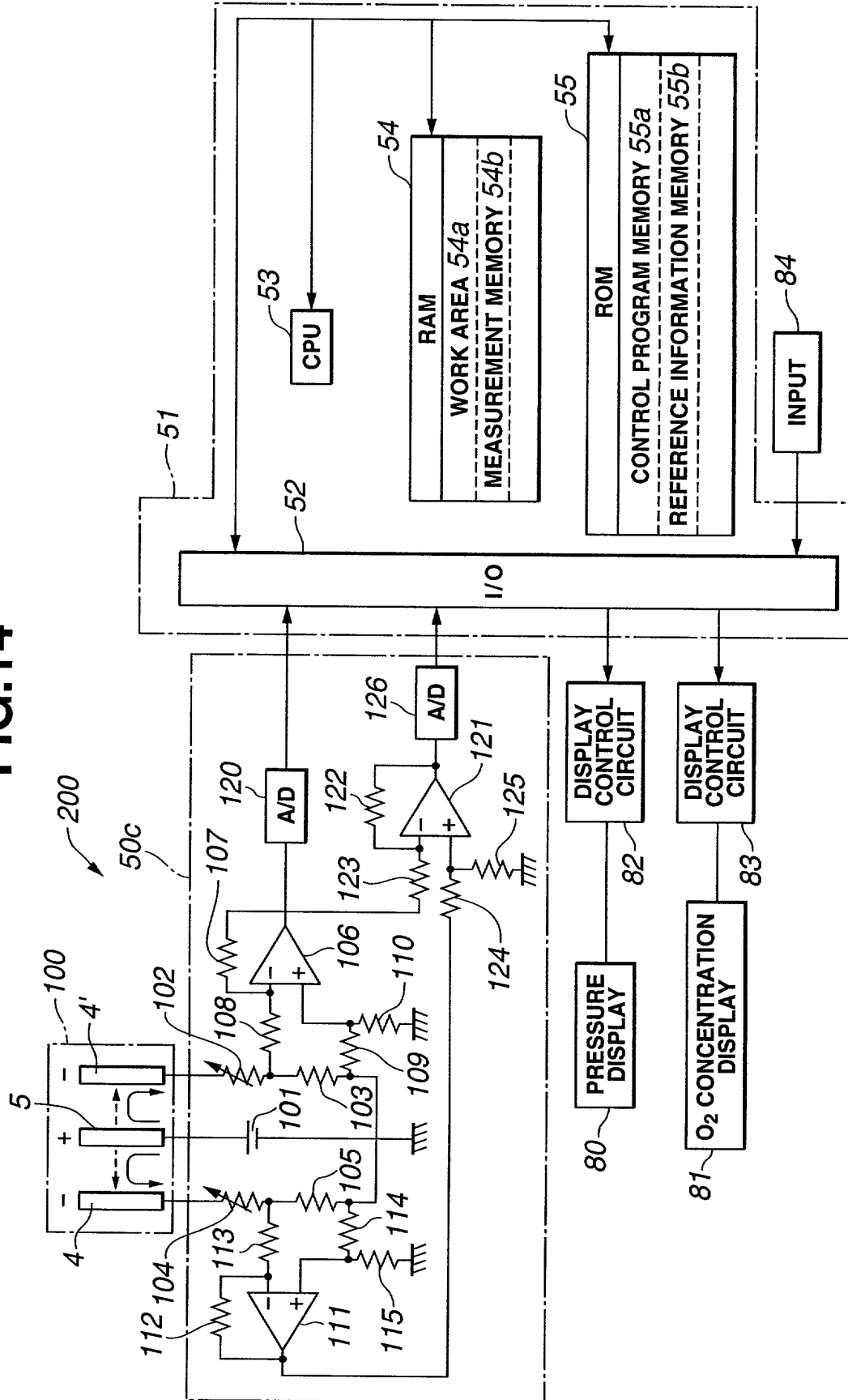
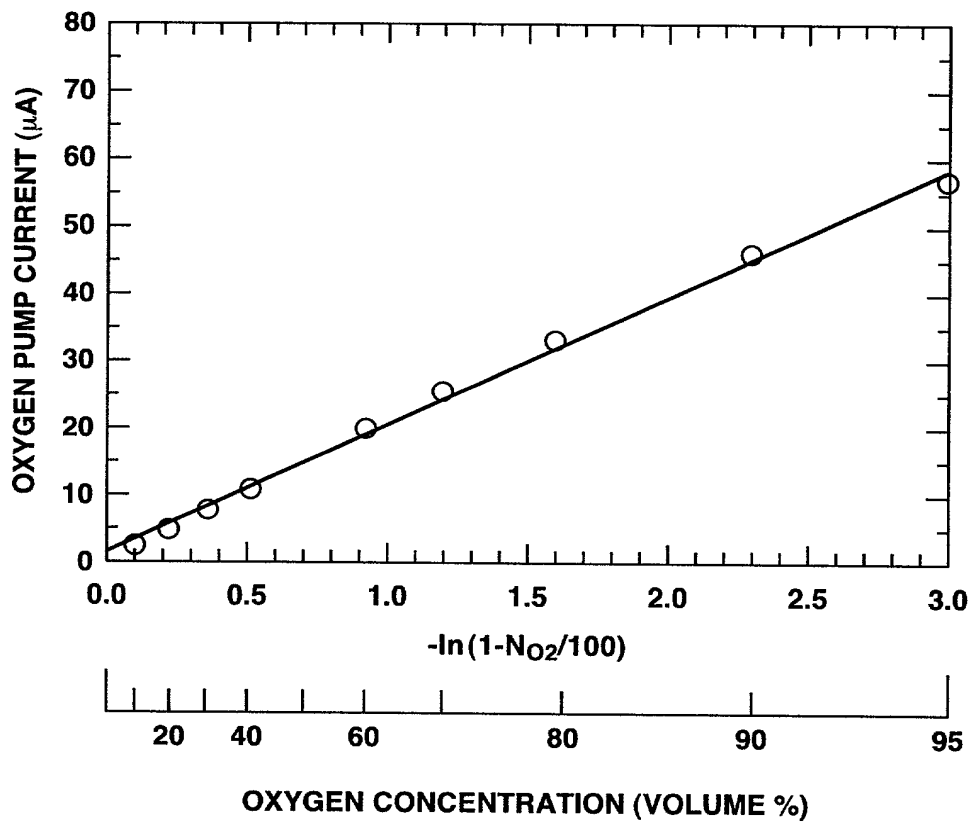


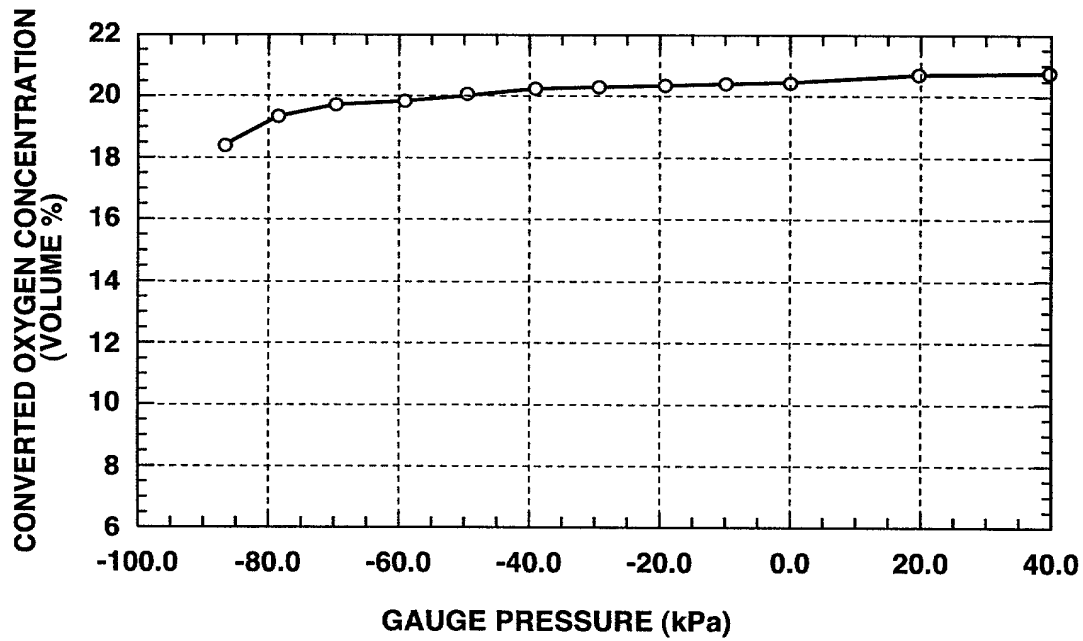
FIG.14



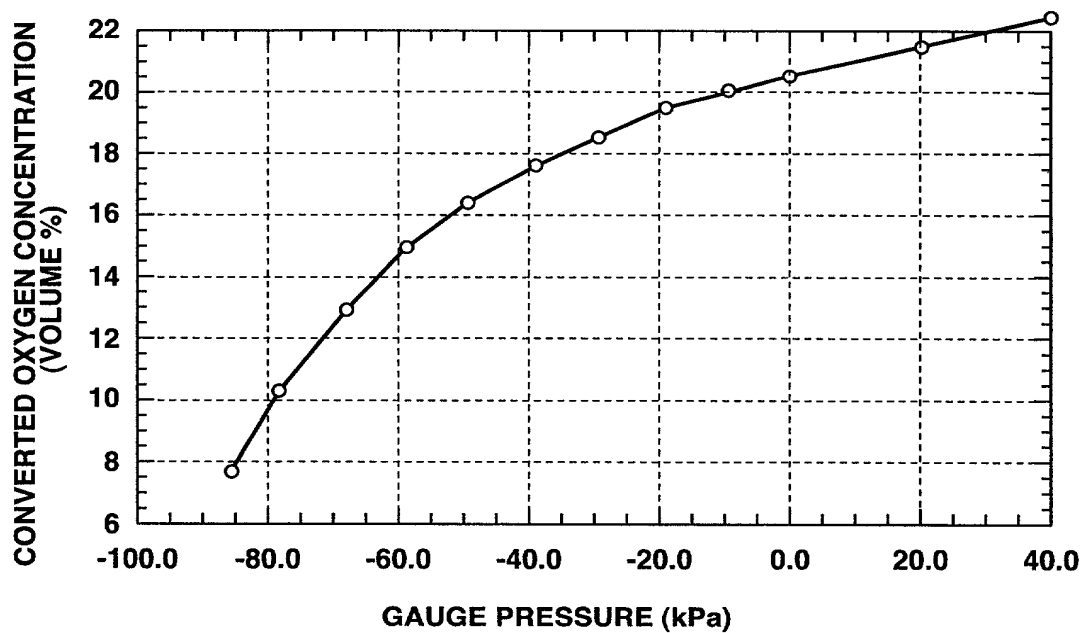
**FIG.15**



**FIG.16**



**FIG.17**



**FIG.18**

